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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/084,257	02/25/2002	Xiao Fei Huang	OIC0047P3US	4360
60/975 7590 09/08/2008 CAMPBELL STEPHENSON LLP 11401 CENTURY OAKS TERRACE BLDG. H, SUITE 250 AUSTIN, TX 78758				
EXAMINER DONAGHUE, LARRY D				
ART UNIT		PAPER NUMBER		
2154				
MAIL DATE		DELIVERY MODE		
09/08/2008		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/084,257

**Applicant(s)**

HUANG ET AL.

**Examiner**

Larry D. Donaghue

**Art Unit**

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 May 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-11 and 13-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/CDC)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_
- Paper No(s)/Mail Date \_\_\_\_\_

Claims 1-24 are presented for examination.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1,3-11 and 13-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hawkins et al. (6,000,000) in view of Brown et al. (2006/0112150).

Regarding claims 1 and 11, Hawkins et al. (USPN 6,000,000), hereafter referred to as Hawkins teach a system with means for:

- Coupling a handheld device to a server, the server having a first database and the handheld device having a second database, the handheld device having an application that allows a user to access the second database (figure 4 handheld computer file system and data bases 441-443; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).
- Determining whether the application needs to be updated (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45 such a need for reconcile the two calendar databases by coupling two computer system using communication link 140; column 7, line 25 - column 8, line 14).
- Causing the server to provide to the handheld device an application update if the application needs to be updated (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).
- Causing the handheld device to record transactions performed on the second database by a user (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14 such as conduit library 421 may read the

records from the handheld database one by one until an entire copy of the handheld database is created on the personal computer system 150).

Causing the handheld device to provide to the server transaction information, wherein the transaction information is related to the recorded transactions (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14 such as using SyncWriteRecord() function when new and modified records are copied to the handheld computer).

- Causing the server to extract data from the first database to be used to update the second database (figure 4; figure 6; col. 1.5, lines 14-36, such as the Sync Manager Library oversees the synchronization process and uses individual "Conduit" libraries to perform the synchronization of each database).
- Causing the server to provide to the handheld device at least a portion of the extracted data (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Hawkins does not expressly recite updating the Metadata, Brown et al. teaches updating the metadata to correspond corresponding to the update ((para. 57-666).

Regarding claims 3 and 13, Hawkins teaches all the limitations as applied to claims 1 and 11, respectively. They further teach means wherein coupling the handheld device to the server comprises coupling the handheld device to a companion device that can be coupled to the server (such as "the application Programming Interface (API) figure 4; figure 6; see col. 6, lines 5-27, and column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Regarding claims 4 and 14, Hawkins teaches all the limitations as applied to claims 1 and 11. They further teach means wherein a synchronization engine is configured to cause the server to provide the handheld device at least one of the application update or the extracted data (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Regarding claims 5 and 15, Hawkins teaches all the limitations as applied to claims 4 and 14, respectively. They further teach means wherein the synchronization engine resides in the server (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45;

column 7, line 25 - column 8, line 14).

Regarding claims 6 and 16, Hawkins teaches all the limitations as applied to claims 4 and 14, respectively. They further teach means wherein the synchronization engine resides in a companion device that is coupled to the server and the handheld device (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Regarding claims 7 and 17, Hawkins teaches all the limitations as applied to claims 4 and 14, respectively. He further teaches means wherein the synchronization engine resides in the handheld device (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Regarding claims 8 and 20, Hawkins teaches all the limitations as applied to claims 1 and 11. They further teach means wherein a synchronization manager is configured to cause the handheld device to provide to the server the transaction information (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Regarding claims 9 and 21, Hawkins teaches all the limitations as applied to claims 8 and 20, respectively. They further teach means wherein the synchronization manager resides in the handheld device (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Regarding claims 10 and 22, Hawkins teaches all the limitations as applied to claims 8 and 20, respectively. They further teach means wherein the synchronization manager resides in a companion device that is coupled to the server and the handheld device (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Regarding claim 18, Hawkins teaches all the limitations as applied to claim 14. They further teach means wherein the synchronization engine also includes the means for causing the server to extract data (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Regarding claim 19, Hawkins teaches all the limitations as applied to claim 14. They further teach means wherein the synchronization engine also includes the means

for causing the server to perform a transaction (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Regarding claims 23 and 24, Hawkins teaches all the limitations as applied to claim 20. They further teach means wherein the synchronization manager also includes the means for causing the handheld device to record transactions (figure 4; figure 6; column 3, lines 3-9; column 4, lines 26-45; column 7, line 25 - column 8, line 14).

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Larry D. Donaghue whose telephone number is 571-272-3962. The examiner can normally be reached on M-F 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on 571-272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Primary Examiner  
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